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ATTORNEY DOCKET NO. 05595.0014
CUSTOMER NO. 22,852

Mail Stop Patent Application

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

New U.S. Patent Application
Title: OBSTACLE DETECTION DEVICE AND METHOD THEREFOR
Inventors and Residences: Hiroaki NAKAI, Tokyo, JAPAN
Hiroshi HATTORI, Tokyo, JAPAN
Nobuyuki TAKEDA, Tokyo, JAPAN
Kazunori ONOBUCHI, Tokyo, JAPAN

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 48 pages, including 5 independent claims and 17 claims total.
2. Drawings- 14 sheets of formal drawings containing Figures 1-14).
3. Certified copy of Japanese Application No. 2002-249782, filed August 28, 2002.
4. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 5 documents attached.

5. The filing fee is calculated as follows:

| | | | | | | |
|-----------------------------------------------------------------|------------------|---|-------|--------------|--------|-------------|
| Basic Application Filing Fee | | | | | \$750 | \$ \$750.00 |
| | Number of Claims | | Basic | Extra Claims | | |
| Total Claims | 17 | - | 20 | | x \$18 | |
| Independent Claims | 5 | - | 3 | 2 | x \$84 | 168.00 |
| <input type="checkbox"/> Presentation of Multiple Dep. Claim(s) | | | | | +\$280 | |
| Subtotal | | | | | | \$ 918.00 |
| Reduction by 1/2 if small entity | | | | | | - |
| TOTAL APPLICATION FILING FEE | | | | | | \$ 918.00 |

6. A check for \$918.00 is enclosed. The fee includes:

\$750.00 filing fee; and
\$168.00 additional claims fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Japanese Application No. 2002-249782, filed August 28, 2002.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application an application number and filing date.

Richard V. Burgujian
August 28, 2003
Page 3

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GARRETT &
DUNNER ^{LLP}

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 

Richard V. Burgujian
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RVB/FPD/pan
Enclosures